

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PCT application of ) Authorized Officer:  
 PURDUE RESEARCH FOUNDATION, ) Ashwin Mehta  
 et al. )  
 )  
 International Application )  
 Number PCT/US00/22725 ) Mailing Date  
 ) 28 August 2001  
 International Filing Date )  
 18 August 2000 ) Agent's File  
 ) Reference:  
 Title of Invention ) 7024473P118  
 METHODS AND COMPOSITIONS FOR )  
 REGULATING DEVELOPMENTAL )  
 IDENTITY )

RESPONSE TO WRITTEN OPINION

Assistant Commissioner for Patents  
 Box PCT  
 Washington, D.C. 20231

Attn: IPEA/US

Dear Sir/Madam:

In response to the Written Opinion mailed June 29, 2001, please consider the following. Included herein are substitute pages 10-12, 24, 26, 31, and 42-48 submitted to comply with PCT rules, and substitute pages 51, 52, 53, 57, 58, 60, and 61 amending claims 7-9, 16, 19, 24, 26-28, 55, 58, 60, 62, 70, 71, 72, 75-77 and 79-83. Applicants also include herein a substitute Sequence Listing (pages 1-28), including and correctly denoting that SEQ ID

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Pauli Cuny  
 Signature of person mailing paper or fee